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AIRMAIL

Commerce Business Daily  
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*RED Sources Sought*

Synopsis No. NIE-74-14

The National Institute of Education has recently assigned high priority to research which seeks to explain language processes, especially those processes involved in comprehending spoken and printed messages. In particular, tentative plans have been made to assess the potential contribution of Artificial Intelligence (computer simulation of human cognitive functions) to this problem area. Sources are sought for three pre-planning tasks:

1) Preparation of a paper which attempts to project specific impact that AI research may have on the understanding of language processes. The paper is intended for circulation among AI researchers as an indication of NIE's particular interests.

2) Preparation of a state of the art paper which assesses and synthesizes knowledge gained from AI research against the general objective of understanding language processes.

3) Compilation of a directory of AI researchers interested in language, identifying by name and position title those researchers who are making contributions to the literature. A synopsis of each researcher's interests will appear with her or his name. In addition, the directory will show levels of funding allocated to research in this field over the past three years and a listing of the journals which publish AI research on a regular basis.

It is of the utmost importance that potential sources for these tasks possess credibility as peers in the AI community. Accordingly, heavy emphasis will be placed upon evaluating the publication records of respondents to this announcement.

In order to be considered for these three tasks, respondents should send a curriculum vita, including a list of publications, and a three page discussion of the approach they would use in addressing one of the tasks stated above. If interested in more than one task, respondents should prepare a separate submission for each task. Please submit within 15 days to (Attn: S/S-WCS) National Institute of Education, Contracts and Grants Management Division, Washington, D. C. 20208.

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